RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/583,706
Source:	IFWP.
Date Processed by STIC:	6/29/06
•	

ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 06/27/2006
PATENT APPLICATION: US/10/583,706 TIME: 11:54:08

Input Set : A:\PCTJP2004019346(W02005063977seq.txt

Output Set: N:\CRF4\06272006\J583706.raw

```
3 <110> APPLICANT: MITANI, et al.
      5 <120> TITLE OF INVENTION: Method for Amplification of Nucleic Acids and Use
              Thereof for Detection of Mutant Nucleic Acids
      8 <130> FILE REFERENCE: 20078.1USWO
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/583,706
     11 <141> CURRENT FILING DATE: 2006-06-20
     13 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/019346
     14 <151> PRIOR FILING DATE: 2004-12-24
     16 <150> PRIOR APPLICATION NUMBER: JP 2003-431003
     17 <151> PRIOR FILING DATE: 2003-12-25
     19 <150> PRIOR APPLICATION NUMBER: JP 2004-313910
     20 <151> PRIOR FILING DATE: 2004-10-28
     22 <160> NUMBER OF SEQ ID NOS: 24
     24 <170> SOFTWARE: PatentIn Ver. 2.0
     26 <210> SEQ ID NO: 1
     27 <211> LENGTH: 38
     28 <212> TYPE: DNA
     29 <213> ORGANISM: Artificial Sequence
     31 <220> FEATURE:
     32 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
     34 <400> SEQUENCE: 1
     35 ggatatatat atatccactg aacaaatgcc acataaag
                                                                            38
     37 <210> SEQ ID NO: 2
     38 <211> LENGTH: 30
     39 <212> TYPE: DNA
     40 <213> ORGANISM: Artificial Sequence
     42 <220> FEATURE:
     43 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
     45 <400> SEQUENCE: 2
     46 gcagcatcac caacccaaaa gcactgagta
                                                                            30
     48 <210> SEQ ID NO: 3
     49 <211> LENGTH: 30
     50 <212> TYPE: DNA
     51 <213> ORGANISM: Artificial Sequence
     53 <220> FEATURE:
     54 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
     56 <400> SEQUENCE: 3
     57 gcaggatcac caacccaaaa gcactgagta
                                                                            30
     59 <210> SEO ID NO: 4
     60 <211> LENGTH: 18
     61 <212> TYPE: DNA
     62 <213> ORGANISM: Artificial Sequence
     64 <220> FEATURE:
```

RAW SEQUENCE LISTING DATE: 06/27/2006
PATENT APPLICATION: US/10/583,706 TIME: 11:54:08

Input Set : A:\PCTJP2004019346(WO2005063977seq.txt

Output Set: N:\CRF4\06272006\J583706.raw

65 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer 67 <400> SEQUENCE: 4 68 taagaactcg ctttatac 18 70 <210> SEQ ID NO: 5 71 <211> LENGTH: 18 72 <212> TYPE: DNA 73 <213> ORGANISM: Artificial Sequence 75 <220> FEATURE: 76 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 78 <400> SEQUENCE: 5 79 tcttcaacag tcattacc 18 81 <210> SEQ ID NO: 6 82 <211> LENGTH: 156 83 <212> TYPE: DNA 84 <213> ORGANISM: Homo sapiens 86 <400> SEQUENCE: 6 87 aagcttttaa agcatcctca ttttatgtcc aacatcagag acttaatact gaacaaatgc 60 89 actcgcttta tactcagtgc ttttgggttg ggtttg 156 91 <210> SEQ ID NO: 7 92 <211> LENGTH: 108 93 <212> TYPE: DNA 94 <213> ORGANISM: Homo sapiens 96 <400> SEQUENCE: 7 97 aatactgaac aaatgccaca taaaggtaat gactgttgaa gaagatttaa cttaacatct 60 98 tgcagcatca ctaagaactc gctttatact cagtgctttt gggttggg 100 <210> SEQ ID NO: 8 101 <211> LENGTH: 108 102 <212> TYPE: DNA 103 <213> ORGANISM: Homo sapiens 105 <400> SEQUENCE: 8 106 aatactgaac aaatgccaca taaaggtaat gactgttgaa gaagatttaa cttaacatct 60 107 tgcaggatca ctaagaactc gctttatact cagtgctttt gggttggg 108 109 <210> SEQ ID NO: 9 110 <211> LENGTH: 100 111 <212> TYPE: DNA 112 <213> ORGANISM: Homo sapiens 114 <400> SEQUENCE: 9 115 acaagatgtc ggggagtggc cgggagttgg gcgagtacgg gctgcaggca tacactgaag 60 116 tgaaaactgt gagtgtggga cctgctgggg gctcagggcc 100 118 <210> SEQ ID NO: 10 119 <211> LENGTH: 32 120 <212> TYPE: DNA 121 <213> ORGANISM: Artificial Sequence 123 <220> FEATURE: 124 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 126 <400> SEQUENCE: 10 127 tttatatata tataaaccgg gagttgggcg ag 32 129 <210> SEQ ID NO: 11

RAW SEQUENCE LISTING DATE: 06/27/2006 PATENT APPLICATION: US/10/583,706 TIME: 11:54:08

Input Set : A:\PCTJP2004019346(WO2005063977seq.txt

Output Set: N:\CRF4\06272006\J583706.raw

- 130 <211> LENGTH: 30 131 <212> TYPE: DNA
- 132 <213> ORGANISM: Artificial Sequence
- 134 <220> FEATURE:
- 135 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 137 <400> SEQUENCE: 11
- 138 cgagtacggg cccacactca cagttttcac 30
- 140 <210> SEQ ID NO: 12
- 141 <211> LENGTH: 18
- 142 <212> TYPE: DNA
- 143 <213> ORGANISM: Artificial Sequence
- 145 <220> FEATURE:
- 146 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 148 <400> SEQUENCE: 12
- 149 acaagatgtc ggggagtg 18
- 151 <210> SEQ ID NO: 13
- 152 <211> LENGTH: 18
- 153 <212> TYPE: DNA
- 154 <213> ORGANISM: Artificial Sequence
- 156 <220> FEATURE:
- 157 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 159 <400> SEQUENCE: 13
- 160 cctgagcccc cagcaggt 18
- 162 <210> SEQ ID NO: 14
- 163 <211> LENGTH: 15
- 164 <212> TYPE: DNA
- 165 <213> ORGANISM: Artificial Sequence
- 167 <220> FEATURE:
- 168 <223> OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
- 170 <400> SEQUENCE: 14
- 171 gcaggcatac actga 15
- 173 <210> SEQ ID NO: 15
- 174 <211> LENGTH: 15
- 175 <212> TYPE: DNA
- 176 <213> ORGANISM: Artificial Sequence
- 178 <220> FEATURE:
- 179 <223> OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
- 181 <400> SEQUENCE: 15
- 182 gcaggcatac actaa 15
- 184 <210> SEQ ID NO: 16
- 185 <211> LENGTH: 187
- 186 <212> TYPE: DNA
- 187 <213> ORGANISM: Homo sapiens
- 189 <400> SEQUENCE: 16
- 190 attttccaga aacgtttcga ttataaagat cagcaatttc ttaacttgat ggaaaaattg 60
- 191 aatgaaaaca tcaggattgt aagcacccc tggatccagg taaggccaag ttttttgctt 120
- 192 cctgagaaac cacttacagt ctttttttct gggaaatcca aaattctata ttgaccaagc 180
- 193 cctgaag 187
- 195 <210> SEQ ID NO: 17

RAW SEQUENCE LISTING DATE: 06/27/2006 PATENT APPLICATION: US/10/583,706 TIME: 11:54:08

Input Set : A:\PCTJP2004019346(WO2005063977seq.txt

Output Set: N:\CRF4\06272006\J583706.raw

- 196 <211> LENGTH: 28 197 <212> TYPE: DNA
- 198 <213> ORGANISM: Artificial Sequence
- 200 <220> FEATURE:
- 201 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 203 <400> SEQUENCE: 17
- 204 tccaggggtc ttaacttgat ggaaaaat 28
- 206 <210> SEQ ID NO: 18
- 207 <211> LENGTH: 27
- 208 <212> TYPE: DNA
- 209 <213> ORGANISM: Artificial Sequence
- 211 <220> FEATURE:
- 212 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 214 <400> SEQUENCE: 18
- 215 ggatccaggc ccagaaaaaa agactgt 27
- 217 <210> SEQ ID NO: 19
- 218 <211> LENGTH: 28
- 219 <212> TYPE: DNA
- 220 <213> ORGANISM: Artificial Sequence
- 222 <220> FEATURE:
- 223 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 225 <400> SEQUENCE: 19
- 226 ttcaggggtc ttaacttgat ggaaaaat 28
- 228 <210> SEQ ID NO: 20
- 229 <211> LENGTH: 27
- 230 <212> TYPE: DNA
- 231 <213> ORGANISM: Artificial Sequence
- 233 <220> FEATURE:
- 234 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 236 <400> SEQUENCE: 20
- 237 gaatccaggc ccagaaaaaa agactgt 27
- 239 <210> SEQ ID NO: 21
- 240 <211> LENGTH: 15
- 241 <212> TYPE: DNA
- 242 <213> ORGANISM: Artificial Sequence
- 244 <220> FEATURE:
- 245 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 247 <400> SEQUENCE: 21
- 248 tccagaaacg tttcg 15
- 250 <210> SEQ ID NO: 22
- 251 <211> LENGTH: 16
- 252 <212> TYPE: DNA
- 253 <213> ORGANISM: Artificial Sequence
- 255 <220> FEATURE:
- 256 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 258 <400> SEQUENCE: 22
- 259 agggcttggt caatat
- 16 261 <210> SEQ ID NO: 23
- 262 <211> LENGTH: 18

RAW SEQUENCE LISTING DATE: 06/27/2006
PATENT APPLICATION: US/10/583,706 TIME: 11:54:08

Input Set : A:\PCTJP2004019346(W02005063977seq.txt

Output Set: N:\CRF4\06272006\J583706.raw

- 263 <212> TYPE: DNA
- 264 <213> ORGANISM: Artificial Sequence
- 266 <220> FEATURE:
- 267 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
- 269 <400> SEQUENCE: 23
- 270 gcttacaatc ctgatgtt

18

18

- 272 <210> SEQ ID NO: 24
- 273 <211> LENGTH: 18
- 274 <212> TYPE: DNA
- 275 <213> ORGANISM: Artificial Sequence
- 277 <220> FEATURE:
- 278 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer
- 280 <400> SEQUENCE: 24
- 281 gtaaggccaa gttttttg

VERIFICATION SUMMARYDATE: 06/27/2006PATENT APPLICATION: US/10/583,706TIME: 11:54:09

Input Set : A:\PCTJP2004019346(WO2005063977seq.txt

Output Set: N:\CRF4\06272006\J583706.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number